

CONVERSION CHART	
INCH	MM
.010	0.25
.020	0.51
.035	0.89
.100	2.54
.105	2.67
.125	3.18
.180	4.57
.210	5.33
.210	5.33
.250	6.35
.250	6.35
.300	7.62
.396	10.04
.405	10.28
.400	10.16
.500	12.70
.500	12.70
.600	15.24
.700	17.78
.800	20.32
.896	22.74
.905	22.98
.900	22.86
1.000	25.40
1.200	30.48
1.400	35.56
1.500	40.64
2.000	50.80
3.200	81.28

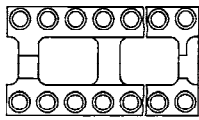


FIG. 1

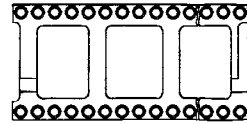
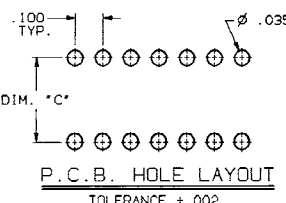
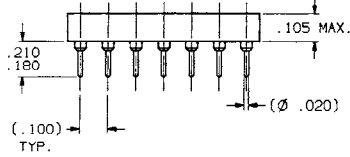
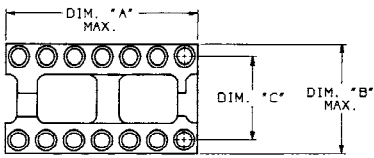


FIG. 2



PART NUMBER	FIG.	DIM. 'A'	DIM. 'B'	DIM. 'C'
814-AG11D-ES	1	.700	.400	.295
814-AG11D-ESL	1	.700	.400	.305
814-AG12D-ES	1	.700	.400	.305
816-AG11D-ES	1	.800	.400	.295
816-AG11D-ESL	1	.800	.400	.305
816-AG12D-ES	1	.800	.400	.305
820-AG11D-ES	1	1.000	.400	.295
820-AG11D-ESL	1	1.000	.400	.305
820-AG12D-ES	1	1.000	.400	.305
824-AG11D-ES	1	1.200	.700	.595
824-AG11D-ESL	1	1.200	.700	.605
824-AG12D-ES	1	1.200	.700	.605
824-AG31D-ES	1	1.200	.400	.295
824-AG31D-ESL	1	1.200	.400	.305
824-AG32D-ES	1	1.200	.400	.305
828-AG11D-ES	1	1.400	.700	.595
828-AG11D-ESL	1	1.400	.700	.605
828-AG12D-ES	1	1.400	.700	.605
832-AG11D-ES	2	1.600	.700	.595
832-AG11D-ESL	2	1.600	.700	.605
832-AG12D-ES	2	1.600	.700	.605
840-AG11D-ES	2	2.000	.700	.595
840-AG11D-ESL	2	2.000	.700	.605
840-AG12D-ES	2	2.000	.700	.605
884-AG11D-ES	2	3.200	1.000	.895
884-AG11D-ESL	2	3.200	1.000	.905
884-AG12D-ES	2	3.200	1.000	.905

SPECIFICATIONS:

MATERIALS:
 INSULATOR: POLYESTER, UL RATED 94V-0.
 CONTACT: COPPER ALLOY
 SLEEVE: COPPER ALLOY
 PLATING: 11D-ES, 31D-ES - CONTACT - GOLD OVER NICKEL.
 SLEEVE - TIN/LEAD.
 11D-ESL, 31D-ESL - CONTACT - LOW GOLD OVER NICKEL.
 SLEEVE - TIN/LEAD.
 12D-ES, 32D-ES - CONTACT - TIN/LEAD.
 SLEEVE - TIN/LEAD.

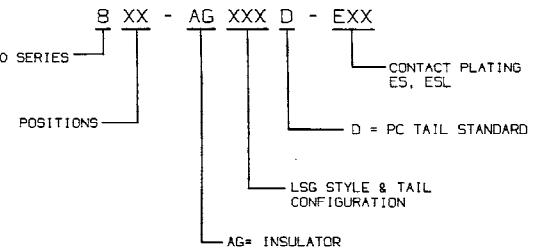
ELECTRICAL:
 CONTACT RESISTANCE: 10 MILLIOHMS MAX.
 CONTACT RATING: 3 AMPS.
 CAPACITANCE: 1.0pF PER MIL-STD-202, METHOD 305.
 INSULATION RESISTANCE: 5000 MO MIN. @ 500 VDC PER MIL-STD-1344, METHOD 3003.1.
 DIELECTRIC WITHSTANDING VOLTAGE: 1000 VOLTS (RMS) PER MIL-STD-1344, METHOD 3001.1.

MECHANICAL:
 INSERTION FORCE: 179 GRAMS AVERAGE WHEN MEASURED WITH Ø .018 POLISHED STEEL PIN.
 WITHDRAWAL FORCE: 63 GRAMS AVERAGE WHEN MEASURED WITH Ø .018 POLISHED STEEL PIN.

ENVIRONMENTAL:
 OPERATING TEMPERATURE: -67°F TO +221°F (-55°C TO +105°C).

NOTES:

1. INTERPRET DRAWING PER ASME Y14.5M-1994.



OUTLINE DRAWING
 SPECIFICATIONS ARE SUBJECT TO CHANGES WITHOUT NOTICE

REV	REVISIONS
0	INITIAL RELEASE
1	REVISED
2	REVISED

THIS IS A C.A.D. GENERATED DRAWING. DO NOT HAVE REVISIONS TO MASTER.



TOLERANCES (EXCEPT AS NOTED)
 ANGULAR ± .1°
 DECIMAL .XX = ± .010
 DECIMAL .XXX = ± .010
 DECIMAL .XXXX = ± .010

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FILE NAME: 8XXAU11	DIRECTORY: PK00EAS	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES DO NOT SCALE PRINT	ORIGINAL DATE OF DRAWING: 5-30-95
MATERIAL: SEE SPECIFICATIONS	FINISH: SEE SPECIFICATIONS	DRAWN: S.KIRCORIAN	DATE: 5-30-95
		CHECKED: D.O'NEILL	DATE: 6-1-95
		APPROVED: D.O'NEILL	DATE: 6-1-95
		CODE IDENT. NO. 91506	DMG. SIZE C
		NEXT ASSY:	

AUGAT 432 JOHN DIETSON BLVD. ATTLEBORO FALLS, MASS. 02663 INC.	
TITLE: OUTLINE DRAWING	
800 SERIES	
DMG. NO. 8XX-AGXXXD-ES, ESL	REV. 2
PRODUCT CODE: 25	SHEET 1 OF 1